

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-49355
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MANZANO, LLC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 1737 – ROSWELL, NM 88202		7. Lease Name or Unit Agreement Name Vindicator Canyon State Unit
4. Well Location Unit Letter <u>M</u> : <u>715</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>10</u> Township <u>17s</u> Range <u>36e</u> NMPM County LEA		8. Well Number #154H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3885' RKB		9. OGRID Number 231429
		10. Pool name or Wildcat WC-025 G-09 S173615C: UPPER PENN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: SPUD & SURFACE JOB <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SPUD IN DRILLING 17.5" HOLE @ 9:30am ON 9/12/21. TD 17.5" SURFACE HOLE @ 2019' ON 9/13/21 @ 4:30pm. RUN 13.375" 54.50#/ft J55 BTC CASING TO 2019' & CEMENT WITH 1200sx (2830c.f.) CLASS C CEMENT. PLUG DOWN @ 6:00pm ON 9/14/21. CIRCULATED 365sx (985c.f.) TO SURFACE. NU & TEST BOP TO 5000#. TEST CASING TO 1000# START DRILLING NEW 12.25" INTERMEDIATE HOLE @ 11:30pm ON 9/15/21

Spud Date:	<u>9/12/21</u>	Rig Release Date:	
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE MANAGER DATE 9/16/21

Type or print name MIKE HANAGAN E-mail address: mike@manzanoenergy.com PHONE: 575-623-1996
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 49516

CONDITIONS

Operator: MANZANO LLC P.O. Box 1737 Roswell, NM 88202	OGRID: 231429
	Action Number: 49516
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/20/2021

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11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3885' RKB		9. OGRID Number 231429
		10. Pool name or Wildcat WC-025 G-09 S173615C: UPPER PENN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☒
OTHER: PRODUCTION CASING ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

DRILLED OUT IN 8.75" HOLE @ 5:30am ON 9/29/21. BUILT 8.75" CURVE TO 13050'MD/12130'TVD. REDUCED HOLE SIZE TO 8.5" & DRILLED LATERAL TO 20428'MD/11956'TVD (TD lateral @ 8:00pm on 10/10/21). RUN 5.5" P110 23#/ft AM-C7S CASING TO 20422' (PBTD @ 20420'MD). CEMENT 5.5" CASING WITH 1680sx C (weight=12.7 & yield=2.07) FOLLOWED BY 1775sx 35/65 POZ H (weight=13.2 & yield=1.39) WITH PLUG DOWN @ 10:00am ON 10/14/21. CIRCULATED 279sx TO SURFACE. RELEASE RIG @ 10:00pm 10/13/21

Spud Date:

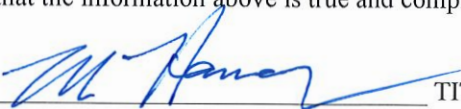
9/12/21

Rig Release Date:

10/13/21

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE

MANAGER

DATE

10/20/21

Type or print name

MIKE HANAGAN

E-mail address: mike@manzanoenergy.com

PHONE: 575-623-1996

For State Use Only

APPROVED BY: John Garcia

TITLE

DATE

12/1/2021

Conditions of Approval (if any):

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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

START DRILLING 12.25" INTERMEDIATE HOLE @ 11:30pm ON 9/15/21. REACH TD FOR INTERMEDIATE HOLE OF 11147' @ 2:00am ON 9/27/21. RUN 9.625" 40#/ft HCL-80 BTC CASING TO 11124' & CEMENT 1STAGE WITH 620sx C (weight=10.5 & yield=3.19) FOLLOWED BY 290sx 35/65 H POZ (weight=14.5 & yield=1.12). CEMENTED 2ND STAGE DOWN ANNULUS WITH 800sx C (weight=10.5 & yield=3.48) FOLLOWED BY 500sx C (weight=14.8 & yield=1.33) WITH PLUG DOWN @ 3:30pm ON 9/28/21 & CEMENT HOLDING @ SURFACE. TESTED CASING 1000# & BOP TO 2500#. DRILLED OUT IN 8.75" HOLE @ 5:30am ON 9/29/21

Spud Date: 9/12/21 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE MANAGER DATE 10/20/21

Type or print name MIKE HANAGAN E-mail address: mike@manzanoenergy.com PHONE: 575-623-1996

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 12/1/2021
 Conditions of Approval (if any):

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CONDITIONS

Action 56947

CONDITIONS

Operator: MANZANO LLC P.O. Box 1737 Roswell, NM 88202	OGRID: 231429
	Action Number: 56947
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	12/1/2021